

# भारत का राजपत्र

## The Gazette of India

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नई विल्सो, शनिवार, जनवरी १७, १९८१ (पौष २७, १९०२)

No. 3]

NEW DELHI, SATURDAY, JANUARY २७, १९८१ (PAUSA २७, १९०२)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III-ख 2

## [PART III—SECTION 2]

### पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस [Notifications and Notices issued by the Patent Office relating to Patents and Designs]

## THE PATENT OFFICE

## PATENTS AND DESIGNS

Calcutta, the 17th January 1981

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-700 017The dates shown in crescent brackets are the dates claimed  
under Section of the Act.

11th December 1980

1367/Cal/80. Italfarmaco s.p.a. Pharmaceutical compositions  
of therapeutic value in the treatment of acute pulmonary edema, some shock conditions and hyperfibrinolysis.1368/Cal/80. Italfarmaco s.p.a. Pharmaceutical compositions  
containing a corticosteroid substance.

1369/Cal/80. Standard Brands Incorporated. Process for isomerizing glucose to fructose.

1370/Cal/80. Siemens Aktiengesellschaft. A two-channel data  
processing system.

1371/Cal/80. The B. F. Goodrich Company. Emulsion polymerization process for producing vinyl dispersion resins.

1372/Cal/80. Asahi Kasei Kogyo Kabushiki Kaisha. A  
method for the electrolysis of an aqueous solution  
of an alkali metal chloride.

12th December 1980

1373/Cal/80. Kabel-Und Metallwerke Gutehoffnungshütte  
Aktiengesellschaft. Moisture-proof electric power  
cable.1374/Cal/80. Institut Francais DU Petrole. Terpolymers,  
their manufacture and use as additives, particularly  
for improving the flow properties of various pet-  
roleum products.1375/Cal/80. Denki Kagaku Kogyo Kabushiki Kaisha. Cooling  
apparatus for carbon black.1376/Cal/80. Western Electric Company, Incorporated.  
Switching circuit. (December 14, 1979).1377/Cal/80. Asahi Kasei Kogyo Kabushiki Kaisha. Separation  
of rare earth metals.1378/Cal/80. UBA Industries, Ltd. Process for preparing 5-  
amino- 1, 2, 3-thiadiazoles.1379/Cal/80. Indian Jute Industries Research Association.  
Processing raw jute to directly obtain dyed jute  
fibres.  
[Divisional date May 15, 1978].1380/Cal/80. Indian Jute Industries Research Association.  
Processing raw jute to directly obtain bleached and  
dyed jute fibres.  
[Divisional date May 15, 1978].1381/Cal/80. Indian jute Industries' Research Association.  
Preparation for treatment of jute carpet backing  
fabric for rendering said backing fabric fire-  
retardant and mildew proof and to a method of  
preparing fire-retardant mildew proof carpet back-  
ing fabric.1382/Cal/80. Indian Jute Industries' Research Association.  
A method for the treatment of fire retardant jute  
fabric used as barrier cloth in upholstered furni-  
ture and seat cushions.

15th December 1980

1383/Cal/80. Orissa Cement Limited. Method of lining or repairing furnace parts with ramming mass or mouldable.

1384/Cal/80. Bethlehem Steel Corporation. A ductile composite metal product.

1385/Cal/80. Takeda Chemical Industries, Ltd. Method for producing mildiomycin.

1386/Cal/80. Phillips Petroleum Company. A process for removing ash-forming contaminants from a used oil.

16th December 1980

1387/Cal/80. C. M. Shah. Multi-flament lamp.

1388/Cal/80. C. M. Shah. Attachment for electrical filament lamp.

1389/Cal/80. Elkem A/S. Means for cooling a body.

1390/Cal/80. M. A. N. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. Coal gas purification apparatus. (October 16, 1980).

1391/Cal/80. S. H. Small. Waste disposal apparatus.

1392/Cal/80. Development Consultants Private Limited. A device for on-load speed variation.

1393/Cal/80. Sredneaziatsky Nauchno-Issledovatel'sky Institut Prirodnoogo Gaza. Method for separating weighting agent from drilling mud.

17th December 1980

1394/Cal/80. Cummins Engine Company, Inc. Cylinder block.

1395/Cal/80. Cummins Engine Company, Inc. Rocker housing and rocker cover.

1396/Cal/80. Cummins Engine Company, Inc. Gear plate assembly for mounting and positioning an accessory drive train.

**APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH MUNICIPAL MARKET BUILDING THIRD FLOOR KAROL BAGH NEW DELHI-5.**

21st November 1980

816/Del/80. Council of Scientific & Industrial Research. "An improved process for sealing of anodised aluminium and its alloys".

817/Del/80. Council of Scientific & Industrial Research. "Improvements in or relating to chemical oxidation of aluminium and its alloy for decorative applications".

818/Del/80. Council of Scientific & Industrial Research. "An electronic process control device for use as digital dual set point controllers".

819/Del/80. Council of Scientific & Industrial Research. "Improved process for the extraction of metal values, like copper, nickel and cobalt from copper converter slags".

820/Del/80. The Standard Oil Company. "Multiply promoted Sn-Sb oxide catalysts".

821/Del/80. Imperial Chemical Industries Limited. "Slurries of terephthalic acid in ethylene glycol". (November 28, 1979).

822/Del/80. Pfizer Inc. "Preparation of penicillanic acid derivatives". [Divl. date May 4th, 78].

823/Del/80. Pfizer Inc. "Preparation of synergistic pharmaceutical composition containing novel penicillin derivatives"; [Divl. date May 4, 1978].

824/Del/80. USS Engineers and consultants, Inc. "Molded composite refractory parts." (December 14, 1979).

24th November 1980

825/Del/80. Prudential Research Corporation. "A Screw Driver".

826/Del/80. Vallourec. "Joint for pipes".

827/Del/80. Societe Generale Des Eaux Minerales De Vittel. "A packaging unit, in particular for liquid".

25th November 1980

828/Del/80. Council of Scientific & Industrial Research. "Improvements in or relating to the production of electrolytic grade manganese dioxide from manganese salt solutions employing manganese dioxide coated titanium anodes".

829/Del/80. Council of Scientific & Industrial Research. "Method of making chloride ion sensitive membrane electrodes".

830/Del/80. Council of Scientific & Industrial Research. "Improvements in or relating to electrolytic colouring of anodised aluminium and its alloys".

831/Del/80. Krishan Gopal Khosla. "Improved drier unit for compressed air of gas".

832/Del/80. Krishna Gopal Khosla. "An improved non-return valve construction".

25th November 1980

833/Del/80. The Gillette Company. "Improvements in or relating to Razor Assemblies".

834/Del/80. The Gillette Company. "Improvements in or relating to Razor Assemblies".

835/Del/80. Shell Internationale Research Maatschappij B.V., "Cyclopropane carboxylic acid ester derivatives". (November 27, 1979).

836/Del/80. Shell Internationale Research Maatschappij B.V., "Cyclopropane carboxylic acid ester derivatives". (November 27, 1979).

837/Del/80. Dorr Oliver Incorporated. "Electrode Assembly".

838/Del/80. Union Carbide Corporation. "Removal of molybdenum from uranium solutions".

26th November 1980

839/Del/80. Pfizer Inc. "Preparation of 2-keto-L-gulonic acid".

840/Del/80. Leslie Summer. "Material Handling Device".

841/Del/80. Klockner-Humboldt-Deutz Aktiengesellschaft. "Method and device for measuring the position of an interface between layers of different density".

27th November 1980

842/Del/80. Council of Scientific & Industrial Research. "Improvements in the process for manufacture of copper ruby glass articles".

843/Del/80. Council of Scientific & Industrial Research. "Process for the preparation of catalysts".

844/Del/80. Council of Scientific & Industrial Research. "Improvements in or relating to roll cladding with particular reference to that of stainless steel to aluminium sheet".

845/Del/80. NI Industries Inc. "Process for manufacturing a stable titanyl sulfate solution".

846/Del/80. The Standard Oil Company. "Improvement of Sb-containing catalysts by Sb-Oxide Impregnation".

847/Del/80. John Allen Moelwain. "Solar Energy Collector & System".

848/Del/80. Krupp Polysius Aktiengesellschaft. "A process and an installation for the heat-treatment of fine-grained material".

849/Del/80. Birmingham Bolt company. "Mine roof bolt assembly".

28th November 1980

850/Del/80. Dunlop Limited, "Improvements in or relating to tyre and wheel rim assemblies". (December 6, 1979).

28th November 1980

851/Del/80. Imperial Chemical Industries Limited, "Method of recovering bromine from methyl bromide", (Dec. 13, 1979).

852/Del/80. Council of Scientific & Industrial Research, "A process for the preparation of sodium silicate from paddy husk". [Divisional date December 28, 1977].

1st December 1980

853/Del/80. Prudential Research Corporation, "A process for producing oxides of aluminium".

854/Del/80. Prudential Research Corporation, "A process for producing oxides of aluminium".

855/Del/80. Prudential Research Corporation, "An activator".

856/Del/80. Prudential Research Corporation, "An electrical power generator".

857/Del/80. Prudential Research Corporation, "A wind turbine".

858/Del/80. Liphia Lyonnaise Industrielle Pharmaceutique, "A process for the preparation of substituted hexahydro-benzopyrano [3, 2-c] pyridines and their salts".

[divl. date June 20, 1978].

859/Del/80. Liphia, lyonnaise Industrielle Pharmaceutique, "A process for the preparation of substituted Hexahydrobenzopyrano [3, 2-c] pyridines and their salts". [Divisional date June 20, 1978]

860/Del/80. Rohm and haas company, "A process of preparing on exchange resins," [Divisional date May 12, 1978]

**APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, TUDI ESTATES (3RD FLOOR), LOWER PAREL (WEST), BOMBAY-400 013.**

24th November 1980

353/BOM/80. G. Krishnan Nair. Tobacco substitute for use in cigarettes.

354/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

355/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

356/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

357/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

358/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

359/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

360/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

361/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

362/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

363/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

364/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

365/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

24th November 1980

366/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

367/BOM/80. Sarabhai Research Centre. A process for the preparation of substituted benzhydrindane aliphatic acid derivatives.

368/BOM/80. Klenzaids Engineers Private Limited. Method and device for control of airborne particulates.

27th November 1980

369/BOM/80. Shivshakti Engineering Works. A grinder.

28th November 1980

370/BOM/80. Primatex Machinery Private Limited. A process for drying wet textile fabrics in a Stenter or Float Dryer and improvements in or relating to a Stenter or Float Dryer adapted to carry out the process.

371/BOM/80. Star Textile Engineering Works Limited. Improvements in or relating to top arm drafting mechanism for drafting textile fibres.

372/BOM/80. Jyoti Limited. Trickling solar still.

1st December 1980

373/BOM/80. Hindustan Lever Limited. Liquid, thickened chlorine bleaching composition.

2nd December 1980

374/BOM/80. Sandvik Asia Limited. Newly designed button type reaming bit with internal rope threads and integral pilot.

3rd December 1980

375/BOM/80. Bhandari Exports Private Limited. A complete independent clutch housing.

376/BOM/80. Rajneesh Foundation. An Indian or western style toilet.

4th December 1980

377/BOM/80. Dr. Nathu Lal Pathak. Improvements in the electrophotographic apparatus and process.

5th December 1980

378/BOM/80. Dr. Prabha Charan Mukherjee. The use of wollastonite mineral for the manufacture of calcium silicide.

6th December 1980

379/BOM/80. The R. B. M. Poona Mills Limited. A track type drafting unit for use in a drafting machine and a drafting machine comprising the same.

**APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600002.**

10th December 1980

222/Mas/80. Lucas-TVS Ltd. A starter motor system.

11th December 1980

223/Mas/80. V. K. Parvatikar. Vernier for mini-Drafter.

## ALTERATION OF DATE

148331. } Ante-dated 7th February, 1976.  
 1237/Cal/78. }  
 148332. } Ante-dated 7th February, 1976.  
 1238/Cal/78. }

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 10C. 148319.  
 Int.Cl.-F42b 3/00.

## CARTRIDGE CASES.

*Applicant* : ZIGOR, S. A., OF C/. GENERAL ALAVA, 20, VITORIA, SPAIN.

*Inventor* : FRANCISCO AMUCHSTEGUI.

Application No. 681/Cal/77 filed May 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims.

A cartridge case comprising a tubular plastics body, a plastics base wad within said body, an end closure for said tubular body in the form of an intermediate body interposed between the tubular body and the wad, an external plastics end wall, a cavity for a primer charge being disposed between the base wad and the end wall and a centrally disposed percussion anvil projecting into said cavity towards a portion of the external end wall which is deformable by the firing pin of a firearm, the anvil being supported by or formed integrally with the based wad.

Comp. Specn. 10 Pages. Drg. 2 Sheets.  
 CLASS 190B. 148320.  
 Int.Cl.-F01d 25/24.

## A STEAM TURBINE DIAPHRAGM.

*Applicant* : PRDIZVODSTVENNOE OBEDINENIE TURB OSTR OENIA "LENINGERODSKY METALLICHESKY ZAVOD", OF SVERDLOVSKAYANABEREZHNAIA, 18, LENINGRAD, USSR.

*Inventors* : MIKHAIL VASILIEVICH ZOTOV, ANATOLY FEDOROVICH PAVLOV AND VLADIMIR VASILIEVICH MERKULOV.

Application No. 787/Cal/77 filed June 13, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

A steam turbine diaphragm comprising an outer and an inner cylinder-shaped rings and radially arranged steel blades of variable thickness, each of the blades being provided with a plurality of holes disposed near its end faces on the blade portions in connection with the rings, the plurality of the holes disposed on the blade portion in connection with the outer ring being equidistant with respect to its inner cylinder-shaped surface, while the plurality of the holes disposed on the blade portion in connection with the inner ring is equidistant with respect to its outer cylinder-shaped surface.

Comp. Specn. 10 Pages.

Drg. 2 Sheets.

CLASS 77C 83B<sub>1</sub> & B<sub>3</sub>.

148321.

Int. Cl.-A21d 2/26, A21d 4/00, A21d 15/00.

## IMPROVED PROCESS FOR THE PREPARATION OF SODIUM STEAROYL-2-LACTYLATE.

*Applicant* : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA.

*Inventors* : THENGUMPILLIL NARAYANA BALAGOPALA KAIMAL, GOLLAMUDI LAXMINARAYANA AND GURUBACHAN SINGH SIDHU.

Application No. 141/Del/77 filed June 27, 1977.

Complete Specification left September 25, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 4 Claims.

An improved process for the preparation of sodium stearoyl-2-lactylate by heating a mixture of lactic acid, alkali and stearic acid, characterised in first partially neutralising the lactic acid with sodium carbonate at room temperature adding stearic acid and heating the reaction mixture at 75°-100°C maintaining the temperature at 110°-140°C for upto one hour, followed by further heating the reaction mixture at 175°-200°C and maintaining the same there at for upto 1.5 to 2 hours.

Prov. Specn. 3 Pages. Comp. Specn. 9 Pages. Drg. 1 Sheet.

CLASS 32A<sub>1</sub> & A<sub>2</sub> & F<sub>a</sub> and F<sub>b</sub>.

148322.

Int. Cl.-C07c 141/00, C09b 45/00.

## IMPROVED PROCESS FOR THE PRODUCTION OF AN ORGANIC DYESTUFF CONTAINING 1, 2, 3 OR 4 β-SULFATO-ETHYL SULFONYL GROUPS.

*Applicant* : HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

*Inventors* : ERNST HOYER, HANS HELMUT STEUERNAGEL AND DIETER WAGNER.

Application No. 1151/Cal/77 filed July 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

Improved process for the production of an organic dyestuff containing 1, 2, 3 or 4 β-sulfatoethylsulfonyl groups, by esterification of an organic dyestuff containing 1, 2, 3 or 4 β-hydroxyethylsulfonyl groups characterized by carrying out the reaction with 1 to 5 times the equimolar amount, calculated on mole of SO<sub>3</sub><sup>-</sup>, of 92 to 100% strength sulfuric acid or sulfuric acid containing sulfur trioxide or sulfur trioxide iteslo, in a machine operating with a kneading action as hereinbefore described.

Comp. Specn. 21 Pages.

Drgs. 25 Sheets.

CLASS 32A<sub>1</sub> & F<sub>a</sub> & F<sub>b</sub>.

148323.

Int. Cl.-C07c 141/00, 147/00, C07d 49/00, C09b 45/00.

## IMPROVED PROCESS FOR THE PREPARATION OF SULFURIC ACID SEMI-ESTER COMPOUNDS.

*Applicant* : HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

*Inventors* : HANS HEIMUT STEUERNAGEL, ERNST HOYER, FRITZ MEININGER.

Application No. 1153/Cal/77 filed July 27, 1977.

Addition to No. 1151/Cal/77.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

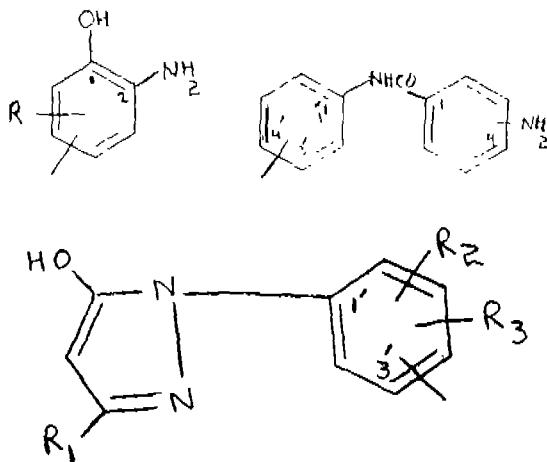
17 Claims.

A process for the preparation of a compound of the formula II.

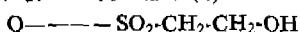


in which Q-represents a radical of the formula (A) or of the Formula (B) or of the formula (C).

Supplementary of funds, Subsequent revisions and changes



in which R represents a hydrogen atom, a lower alkoxy group, a lower alkyl group, a nitro group, a chlorine atom or a bromine atom, R<sup>a</sup> represents a methyl, carboxy or phenyl group, R<sup>b</sup> represents a hydrogen atom, a methyl, ethyl, methoxy or ethoxy group or a chlorine atom and R<sup>c</sup> represents a hydrogen atom, a methyl, ethyl, methoxy or ethoxy group, the  $\beta$ -sulfatoethylsulfonyl group is in the 4- or 5-position of the benzene nucleus of the aminophenol or in the 3- or 4-position of the benzene nucleus and the amino group is bonded in the 3- or 4-position to the benzene nucleus of the benzoyl radical, by the esterification of a compound of the formula (I).



in which Q- and R, R<sup>a</sup>, R<sup>b</sup> and R<sup>c</sup> therein have the meanings given above, and the  $\beta$ -hydroxyethylsulfonyl group is in the 4- or 5-position of the benzene nucleus of the aminophenol or in the 3- or 4-position of the benzene nucleus, and the amino group is bonded in the 3- or 4-position to the benzene nucleus of the benzoyl radical, wherein the esterification is carried out with 1 to 2.5 times the equimolar amount, calculated on mol of SO<sub>3</sub><sup>H</sup>, of a 92-100% strength sulfuric acid or sulfur trioxide or a sulfuric acid containing sulfur trioxide in a machine operating with a kneading action.

Comp. Specn. 39 Pages.

Drg. 7 Sheets.

CLASS 70A.

148324.

Int. Cl.-C23b 3/12.

#### AN IMPROVED DEVICE FOR ELECTROLYTIC ETCHING OF ALUMINIUM FOIL USING DIRECT CURRENT.

*Applicant* : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

*Inventors* : SHRI BALKUNJE ANANTHA SHENOI, SHRI RANGASAMY RADHAKRISHNAN, SHRI KANDADAI RAJAGOPALACHARI NARASIMHAN, SHRI

VENKATASUBRAMANIAN LAKSHMINARASIMHAN, SHRI DEVARAJ KANAGARAJ AND SHRI ANGUSAMY PERUMAL.

Application No. 188/Del/77 filed August 10, 1977.

Complete Specification left November 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

4 Claims.

An improved device for electrolytic etching of aluminium foil using direct current consisting of means to pass aluminium foil over a series of external and internal rollers through containers with alkaline solution, tap water, an acid solution and an etching electrolyte in series, characterised in that a pair of stationary anodes in the form of perforated metal sheets are fixed in the alkaline bath immersed parallel to the path of the foil and a pair of metal cathodes are fixed in the etching electrolyte bath immersed parallel to the path of the foil and means to pass the current to the said electrodes.

Prov. Specn. 4 Pages. Comp. Specn. 8 Pages. Drg. 1 Sheet.

CLASS 206E. 148325.

Int. Cl.-H01p 7/00.

#### RESONATOR FOR MICROWAVE SYSTEMS.

*Applicant* : SOCIETA ITALIANA TELECOMMUNICAZIONI SIEMENS S.P.A., OF PIAZZALE ZAVATTARI 12, 20149 MILANO, ITALY.

*Inventor* : ENZO CAVALIERI D'ORO.

Application No. 1510/Cal/77 filed October 13, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Resonator for microwave systems comprising a cylindrical cavity adapted to resonate frequency for the mode TE<sub>111</sub> differing from that of the mode TM<sub>11</sub> by providing an equivalent length for the resonant cavity for the mode TE<sub>011</sub> different from that for the mode TM<sub>011</sub>; characterised in that the said cavity (1) having an opening (2) adapted to permit coupling to other elements and containing means adapted to give the said equivalent length by means of a hollow cylindrical element (3).

Comp. Specn. 7 Pages.

Drg. 1 Sheet.

CLASS 62D.

148326.

Int. Cl.-DO6f 43/00.

#### AN IMPROVED THERMALLY ECONOMIC PROCESS FOR THE RECOVERY OF AMMONIA FROM A FABRIC WEB TREATED WITH LIQUID AMMONIA.

*Applicant* : CLUFF, PEABODY & CO., INC., AT 433 RIVER STREET, TROY, NEW YORK, U.S.A.

*Inventors* : JACKSON LAWRENCE AND HARRY AUGUSTUS WEBB.

Application No. 88/Del/78 filed February 2, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims.

An improved thermally economic process for the recovery of ammonia from a fabric web which has been subjected to liquid ammonia treatment, said recovery being effected at a total energy expenditure of about only 280 BTU's per pound of ammonia recovered, characterised in that the ammonia-containing fabric web is immersed in a bath of water saturated with ammonia at a temperature not higher than 120°F whereby more than 50% of the ammonia content of the fabric web within the aqueous ammonia bath is vaporised, recovering in any known manner the vaporised ammonia so formed, and subjected the aqueous ammonia-containing fabric web issuing from the bath to known methods for the removal of ammonia and aqueous ammonia therefrom.

Comp. Specn. 11 Pages.

Drg. 1 Sheet.

CLASS 32F.b.

148327.

13 Claims.

Int. Cl.-C07d 27/08.

## PROCESS FOR THE PREPARATION OF PYRROLIDINE DERIVATIVES.

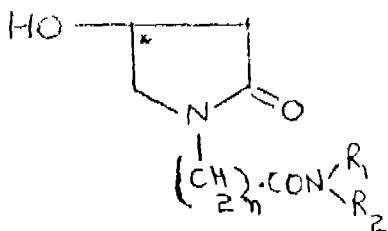
*Applicant* : I.S.P. SPA OF VIA LEONARDO DA VINCI, 1, 20090 TREZZANO S/N, MILAN, ITALY.*Inventors* : SILVANO BANFI, RENATO PELLEGATA, GIORGIO PIFFERI AND MARIO PINZA.

Application No. 104/Del/78 filed February 8, 1978.

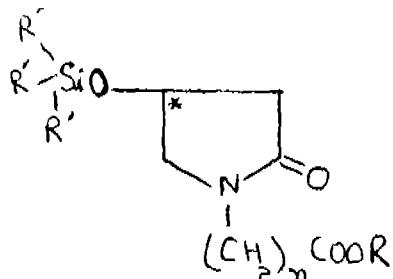
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims.

Process for the preparation of pyrrolidine derivatives of the general formula I.



in which n is 1, 2 or 3 inclusive, R<sub>1</sub> and R<sub>2</sub>, which may be the same or different, are hydrogen atoms or alkyl radicals containing up to 3 carbon atoms and the asterisk indicates the centre of asymmetry of the molecule either as separated enantiomer or as mixture wherein  $\gamma$ -amino- $\beta$ -hydroxybutyric acid in the form of an enantiomer or of a mixture of enantiomers, is reacted under anhydrous conditions with a silylating agent, such as herein described, cyclised by heating and then reacted in the presence of an alkaline hydride with an aliphatic acid ester halide of the general formula Hal(CH<sub>2</sub>)<sub>n</sub>COOR, in which Hal is a bromine, chlorine or iodine atom, R is an alkyl radical containing up to 4 carbon atoms or a trichlorophenyl, nitrophenyl or trichloroethyl radical and n has the same meaning as above, to give a silyl derivative of the general formula III.



in which R' is a methyl or ethyl or radical and n, R and the asterisk have the same meaning as above, which is hydrolysed to give the corresponding 4-hydroxy derivatives and then reacted with a compound of the general formula R<sub>1</sub>NH<sub>2</sub>R<sub>2</sub>, in which R<sub>1</sub> and R<sub>2</sub> have the same meaning as above.

Comp. Specn. 14 Pages.

Drg. 1 Sheet.

CLASS 31C.

148328.

Int. Cl.-J011 1/02, 1/16.

## SEMICONDUCTOR DEVICES.

*Applicant* : RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.*Inventor* : LEON STANLEY GREENBERG.

Application No. 217/Cal/78 filed February 28, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A semiconductor device comprising a plate of electrically and thermally conductive material adapted to support a semiconductor pellet, a plurality of leads each lead having an end portion adjacent to said plate, and a body of electrically insulating material lying between at least one of said end portions and said plate and adhered to said one end portion and said plate.

Comp. Specn. 14 Pages.

Drg. 2 Sheets.

CLASS 70C.

148329.

Int. Cl.-C22d 1/16.

## IMPROVED PROCESS FOR THE ELECTRO-CHEMICAL RECOVERY OF COPPER FROM INDUSTRIAL BY-PRODUCT COPPER COMPOUNDS.

*Applicant* : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.*Inventors* : HANDADY VENKATAKRISHNA UDUPA, PENNAGARAM VYASARAO VASUDEVARAO, RENGASWAMY VIJAYAVALLI AND KUNNISERI VENKATACHALAM VENKATASWARAN.

Application No. 226/Del/78 filed March 29, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims. No. drawings.

An improved process for the electrochemical recovery of copper from industrial by-product copper compounds characterised in that the by-product copper compounds are used as a suspension of finely powdered copper oxide waste in dilute sulphuric acid solution as the electrolyte using lead alloy anodes and stainless steel or copper cathode to obtain copper deposited on the cathode as a sheet or powder.

Comp. Specn. 8 Pages.

Drgs. Nil.

CLASS 98C &amp; D &amp; 176F.

148330.

Int.Cl.-F22b 31/00, F23d 19/00.

## IMPROVEMENTS IN OR RELATING TO FLUIDISED BED COMBUSTION BOILER.

*Applicant* : BHARAT HEAVY ELECTRICALS LIMITED, 7TH FLOOR, ANSAL BHAVAN, 16, KASTURBA GANDHI MARG, NEW DELHI-11 0001, INDIA.*Inventor* : HARENDRA NATH SHARAN, MANOJENDRA KUMAR GHOSH, & AMARJIT SINGH LAMBA.

Application No. 464/Del/78 filed June 23, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

A fluidized bed combustor boiler having a wall evaporator and bed evaporator connected to a water drum characterized in that said wall evaporator is connected directly to the water drum and is having natural circulation of water, said bed evaporator is connected to said water drum through a pump and is having forced circulation, the wall evaporator being symmetrical in configuration, the water flow within said wall evaporator being unidirectional.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 128G.

148331.

Int.Cl.-A61m 1/00, 5/00.

## SELF-CONTAINED INJECTION APPARATUS.

*Applicant & Inventor* : DR. MED. WOLFGANG WAGNER, OF KLOSTERFEIDER WEG 29, 1 BERLIN 27, WEST GERMANY.

Application No. 1237/Cal/78 filed November 16, 1978.

Division of Application No. 223/Cal/76 filed February 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 21 Claims.

Self-contained (as hereinbefore defined) injection apparatus comprising a housing with a muzzle portion for abutment against the skin of a person to be injected means for providing a partial vacuum in said muzzle, at least one liquid container, means for providing at least one predetermined dose of liquid, means for causing in use of said apparatus discharge of the liquid through a cannula projecting into said muzzle, means for delaying the discharge of the liquid before the skin is drawn up into said muzzle and controlling means responsive to said partial vacuum.

Comp. Specn. 13 Pages.

Drg. 3 Sheets.

CLASS 128G

148332.

Int.Cl.-A61m 1/00, 5/00.

## SELF-CONTROLLED INJECTION APPARATUS.

*Applicant & Inventor:* DR. MED. WOLFGANG WAGNER, OF KLOSTERFELDER WEG 29, 1 BFRIN 27, WEST GERMANY.

Application No. 1238/Cal/78 filed November 16, 1978.

Division of Application No. 223/Cal/76 filed February 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 23 Claims.

Self-controlled injection apparatus comprising a housing with a muzzle portion for abutment against the skin of a person to be injected, means for providing a partial vacuum in said muzzle, at least one liquid container for providing at least one predetermined dose of liquid, means for causing discharge of the liquid through a cannula projecting into said muzzle, means for delaying the discharge of the liquid before the skin is drawn up into said muzzle and means for detecting the rim of said muzzle either is or is about to be in firm contact with the skin of a person to be injected, said detecting means triggering at least one function of the apparatus.

Comp. Specn. 14 Pages.

Drg. 7 Sheets.

CLASS 85C &amp; R.

148333.

Int. Cl.-F27d 3/10.

## BLAST FURNACE CHARGING APPARATUS.

*Applicant:* I. S. C. SMELTING LIMITED, OF 6 ST. JAMES'S SQUARE, LONDON SW1Y 4LD, ENGLAND.

*Inventors:* RONALD MARRISON AND ERNST FRANK WAKEFORD.

Application No. 572/Cal/77 filed April 14, 1977.

Convention date April 30, 1976/(17672/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims.

Blast furnace charging apparatus comprising a charge hopper having upper and lower openings, independently movable sealing means adapted to open and close the said upper and lower openings, a gas-pressure tapping point at the top of the furnace connected to monitoring means for monitoring gas pressure in the furnace top space, and means for triggering or inhibiting the opening movement of the upper sealing means in response to a signal received or not received from the said monitoring means.

Comp. Specn. 9 Pages.

Drg. 1 Sheet

CLASS 10F.

148334.

## TAIL UNIT FOR A MISSILE.

Int.Cl.-F42b 15/10.

## TAIL UNIT FOR A MISSILE.

*Applicant:* SOCIETE EUROPEENNE DE PROPULSION, OF 3, AVENUE DU GENERAL DE GAULLE, PUTFAUX (HAUTS-DE-FRANCE), FRANCE.

*Inventor:* BERNARD ANDRE DETALLE.

Application No. 826/Cal/77 filed June 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

A tail unit for a missile which is propelled at supersonic speed of the type comprising a system of at least two pairs of curved blades, whereof one of the longitudinal edges is connected to the periphery of a cylindrical body and means for producing a rotary torque which rotates the tail unit in flight, each blade being pivoted about a pivot pin integral with the cylindrical body and located in the immediate vicinity of the periphery of the latter and having a curvature which substantially corresponds to that of the body, the length of the circular arc defined by the transverse profile of a blade being between quarter and half the length of the periphery of a cross-section of the cylindrical body, wherein the orientation of the concavity of the blades of one and the same pair of blades about the axis of the cylindrical body is opposite to that of the blades of the other pair of blades and the blades can be folded down onto one another pairwise parallel to the outer surface of the body by rotation about said pivot pins.

Comp. Specn. 11 Pages.

Drg. 2 Sheets.

CLASS 47B &amp; C

148335.

Int.Cl.-E21c 43/00, C10j 5/00, 3/20, 3/30.

## APPARATUS FOR THE SUPPLY OF FUEL POWDER TO A GAS-PRESSURIZED VESSEL.

*Applicant:* SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

*Inventor:* MAARTEN JOHANNES VAN DER BURGT.

Application No. 1100/Cal/77 filed July 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

An apparatus for the supply of fuel powder to a gas-pressurized vessel, comprising a centrifugal pump for supplying powder to the vessel, which centrifugal pump comprises a rotor arranged rotatably in the vessel to inject powder into the vessel by centrifugal force, as well as a supply tube for the supply of powder from outside the vessel to the rotor, the axis of rotation of the rotor coinciding with the centre line of the supply tube characterized in that the rotor consists of two trays positioned at right angles to the supply tube, between which trays there is a slit which forms the connection between the vessel and the supply tube.

Comp. Specn. 14 Pages.

Drg. 1 Sheet.

CLASS 86E &amp; 99E.

148336.

Int.Cl.-A47h 57/00.

## IN COMBINATION, A CONTAINER SIDE WALL STRUCTURE AND A COMPLEMENTARY RACK FOR SAID CONTAINER SIDE WALL STRUCTURE.

*Applicant:* SAMSONITE CORPORATION, AT 11200 EAST FORTY-FIFTH AVENUE, DENVER, COLORADO, 80239, U.S.A.

*Inventor:* JOHN A. WARREN, JR.

Application No. 1179/Cal/77 filed August 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims.

In combination, a container side wall structure and a complementary rack for said container side wall structure comprising protrusion means in said side wall, said protrusion means defining groove means adapted to engage a complementary frame, said protrusion means comprising means for lockably engaging said frame when said groove means engages said complementary frame, and said complementary container rack comprising a frame that comprises means for attaching

said frame to means for carrying said frame, said frame comprising lockable means for locking said container on said frame, wherein, upon engagement of said groove means with said frame, and of said lockable means with said means for lockably engaging said frame, said container side wall structure is lockably engaged with said frame.

Comp. Specn. 9 Pages.

Drg. 3 Sheets.

CLASS 31C & 50D.

148337.

Int.Cl.-H05k 7/20, H01b 1/02.

#### HEAT SINK.

*Application* : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN & MUNCHEN, FEDERAL REPUBLIC OF GERMANY.

*Inventor* : HERIBERT RUGER.

Application No. 1329/Cal/77 filed August 25, 1977.  
Patents Rules, 1972) Patent Office, Calcutta.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A heat sink for one or more electronic components, the heat sink comprising a heat conductive block provided with an internal duct and an inlet and an outlet for the supply of cooling fluid to, and the discharge of cooling fluid from, the duct, which duct comprises two substantially helical portions disposed coaxially with their windings alternating in an axial direction and with one end of one portion coupled to the corresponding end of the other portion.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 127D & H.

148338.

Int.Cl.-F16g 13/12.

#### DRIVE APPARATUS FOR DRIVING A SHAFT.

*Applicant & Inventor* : HORST BRUCKER, OF RIEDSER-ASSE 81, 7470 EBINGEN (WURTT.), WEST GERMANY.

Application No. 1396/Cal/77 filed September 12, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims.

A drive apparatus for driving a shaft with an actuation arrangement containing an actuation block which is guided back and forth in a shiftable manner via locking means by means of a chain, whereby here is one pivotally mounted member which is connected with an actuation block, in which the actuation block (21) is designed as a two-arm lever (49), whose end facing away from its handle (51) is connected with the chain (16) through the locking means (32, 32'), and in which the lever handle (52) is also connected with the pivotally mounted member (54).

Comp. Specn. 17 Pages.

Drg. 4 Sheet.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta at two rupees per copy :—

(1)

142369 142370 142371 142372 142373 142374 142375 142376  
142377 142378 142381 142382 142383 142384 142385 142386  
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#### PATENTS SEALED

124171 146873 146954 146971 147011 147012 147103 147134  
147172 147222 147223 147224 147236 147270 147276 147302  
147334 147354 147366 147384 147420 147421 147435

#### REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—  
116590. M/s. E.I.D. Parry (India) Limited.  
140290. M/s. Lipl International.

#### PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.  
*No. and Title of the invention*

140800 (31-03-73) Method and installation for regeneration of an inert mass containing catalytically active metals.

140801 (10-04-73) Process for preparing polyurethane intended particularly to be applied by spraying.

140809 (17-09-73) Production of nickel powder from nickel compound.

140810 (26-09-73) Production of synthetic natural gas from crude oil.

140811 (18-10-73) Process for the polymerisation of olefin.

140814 (07-01-74) Method for preparing pigmented polyethylene terephthalate.

140825 (26-07-74) Process for recovery of  $\epsilon$ -caprolactam from a Beckmann rearrangement mixture.

140837 (10-03-75) Process for the preparation of 6-carbalkoxy-8-ethyl-5-oxo-2-piperazinyl-5, 8-dehydropyrido [2, 3-d] pyrimidine.

140848 (24-03-73) A process and a furnace for thermally cracking a liquid hydrocarbon.

140852 (05-09-73) Production of silicon nitride from rice hulk.

140863 (26-09-74) A continuous process for the production of ethylbenzene.

140922 (06-06-73) A process for the production of 1-Nitroanthraquinone.

140929 (23-04-74) Process for producing carbon monoxide from light hydrocarbon.

140934 (05-05-73) Process for preparing new water soluble heavy metal complex dyestuff.

140948 (25-11-74) Process for production of a reducing gas.

140959 (27-09-73) Method of manufacturing a catalyst for isomerisation of hydrocarbon.

140961 (15-12-73) A process and apparatus for concentrating dilute solution of corrosive products such as acids by heating.

140968 (25-06-74) Process for treating high magnesium nickeliferous laterite and granitic.

140976 (17-09-73) A process for preparation of synthesis gas.

141008 (18-08-73) Process for the catalytic oxidation of orthoxylene to phthalic anhydride.

*No. and Title of the invention*

141009 (05-09-73) Process for preparing new water soluble reactive dyestuffs of the anthraquinone series.

141012 (02-11-73) Process for producing phospheric acid by wet process.

141013 (14-11-73) Method of thermally curing polymeric material.

141017 (19-09-74) Process for preparation of synthesis gas.

141046 (19-02-74) Process for the production of a polymeric basic amide.

141050 (02-01-75) Process for the preparation of substituted tetrahydrobenzothiophene.

141058 (21-01-74) Process for the manufacture of new vat dyestuff.

141068 (24-12-74) Process for producing antibiotic derivative of xk-62-z.

141069 (24-12-74) Process for producing 1-N-[L-(+)- $\alpha$ -hydroxy-y-aminobutyryl] xk-62-z.

141070 (01-01-75) Separation of hecogenin tigogenin mixture.

141094 (10-04-75) A process for the manufacture of steel with improved toughness properties and equipment for carrying out the same.

141101 (13-06-74) A process for obtaining p-xylene from a mixture of ethylbenzene and xylene.

141112 (17-09-73) Method of purifying an aqueous solution of urokinase.

141142 (03-12-73) A process and an equipment for desulfurisation gassification of high sulfur.

141151 (03-01-75) Method of forming polymer of unsymmetrically substituted 1, 4-dioxane-2, 5-diones.

141651 (08-01-75) A process for the manufacture of a high impact material suitable for use as a substitute for high impact polystyrene based on polybutadiene or styrene butadiene rubber.

## RENEWAL FEES PAID

103132 103236 103271 103278 103285 103314 103431 104510  
 104661 108182 108405 108480 108763 108921 108951 108985  
 109046 109516 109952 113647 114077 114284 114303 114568  
 114730 118453 118632 119120 119237 119412 119418 119434  
 119509 119514 119551 119582 119609 119765 120166 120399  
 120413 120424 120516 121648 121649 122925 124198 124450  
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 124825 124849 124855 124922 124928 125012 125821 125947  
 127673 129639 129686 129732 129926 129932 129961 130007  
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 134077 134135 134150 134208 134299 134392 134393 134567  
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 137663 137671 137672 137674 137675 137678 137679 137680  
 137684 137685 137690 137698 137751 137753 138976 139288  
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 140813 140881 140899 140986 140987 141031 141068 141069  
 141104 141212 141339 141346 141385 141411 141442 141443  
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 146920 147041 147081 147124 147141 147142

## RESTORATION PROCEEDINGS

## (1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 122595 granted to Livinder Singh for an invention relating to "mobile lighting device". The patent ceased on the 2nd August, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 15th March, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Rd, Cal-17 on before the 17th March 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

## (2)

Notice is hereby given that an application for restoration of Patent No. 101340 dated the 28th August, 1965 made by Universal Oil Products Company on the 13th July, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 26th January, 1980 has been allowed and the said patent restored from 28th August, 1978 to 28th August, 1980 and also the said patent ceased on the 28th August, 1980 due to non-payment of further renewal.

## (3)

Notice is hereby given that an application for restoration of Patent No. 106698 dated the 19th August, 1966 made by Universal Oil Products Company on the 13th July, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 26th January, 1980 has been allowed and the said patent restored from 19th August, 1978 to 19th August, 1980, and also the said patent ceased on the 19th August, 1980 due to non-payment of further renewals.

## (4)

Notice is hereby given that an application for restoration of Patent No. 107352, dated the 5th October, 1966 made by Dennis Laurence Amore on the 3rd October, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 31st May, 1980 has been allowed and the said patent restored.

## (5)

Notice is hereby given that an application for restoration of Patent No. 107817, dated the 3rd November, 1966 made by General Refractories Company on the 16th October, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 22nd March, 1980 has been allowed and the said patent restored.

## (6)

Notice is hereby given that an application for restoration of Patent No. 127491, dated the 10th July, 1970 made by "Centre Stephanois De Recherches Mecaniques Hydromechanique et Frottement" on the 11th January, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 31st May, 1980 has been allowed and the said patent restored.

## (7)

Notice is hereby given that an application for restoration of Patent No. 132166, dated the 15th April, 1972 made by Surendranath Nambiar on the 2nd April, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 3rd November, 1979 has been allowed and the said patent restored.

## (8)

Notice is hereby given that an application for restoration of Patent No. 136888, dated the 31st January, 1973 made by Velsicol Chemical Corporation on the 10th January, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 24th May, 1980 has been allowed and the said patent restored.

(9)

Notice is hereby given that an application for restoration of Patent No. 142006, dated the 13th August, 1974 made by Air Process A. G. on the 13th August, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 19th January 1980 has been allowed and the said patent restored.

(10)

Notice is hereby given that an application for restoration of Patent No. 143059, dated the 27th December, 1974 made by Rohm And Haas Company on the 3rd December, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 3rd May, 1980 has been allowed and the said patent restored.

(11)

Notice is hereby given that an application for restoration of Patent No. 143862, dated the 28th April, 1977 made by M. M. Suri & Associates Pvt. Ltd. on the 8th February, 1980 and notified in the Gazette of India, Part III, Section 2 dated the 16th June, 1980 has been allowed and the said patent restored.

(12)

Notice is hereby given that an application for restoration of Patent No. 144356, dated the 23rd December, 1975 made by Phool Chand Saxena, Shantaram Rangath Gaikwad, & Miss Vaijayanti Vaman Erande on the 12th December, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 3rd May, 1980 has been allowed and the said patent restored.

(13)

Notice is hereby given that an application for restoration of Patent No. 145010, dated the 2nd September, 1976 made by Syed Mahmood Ali on the 20th December, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 3rd May, 1980 has been allowed and the said patent restored.

(14)

Notice is hereby given that an application for restoration of Patent No. 145742, dated the 24th July, 1976 made by Sundaram-Clayton Limited on the 20th December, 1974 and notified in the Gazette of India, Part III, Section 2 dated the 3rd May, 1980 has been allowed and the said patent restored.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 3. No. 149440. Royal Industries of 3541-Qutab Road, Sadar Bazar, Delhi-110006, an Indian Partnership Concern. "Jar". April 11, 1980.

Class 4. No. 149690. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". July 10, 1980.

Class 4. No. 149691. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". July 10, 1980.

Class 4. No. 149692. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". July 10, 1980.

Class 4. No. 149693. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". July 10, 1980.

Class 4. No. 149694. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". July 10, 1980.

Class 4. No. 149839. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". August 22, 1980.

Class 4. No. 149840. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". August 22, 1980.

Class 4. No. 149841. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". August 22, 1980.

Class 4. No. 149842. M/s. Calcutta Button Agency of 33, Pementle Street, Calcutta-16, West Bengal an Indian Partnership Firm. "Mirror". August 22, 1980.

S. VEDARAMAN  
Controller-General of Patents, Designs  
and Trade Marks